Technology Administration

The Technology Administration (TA) works with U.S. industry to maximize technology's contribution to U.S. economic growth. Led by the Under Secretary for Technology (US), TA fulfills its broad responsibilities through its component organizations: the Office of Technology Policy (OTP), the National Institute of Standards and Technology (NIST), and the National Technical Information Service (NTIS).

TA Performance Measures

The activities under the TA accounts support Commerce's strategic goal to provide infrastructure for innovation to enhance American competitiveness.

US/OTP's focus is on the following performance goal: Provide leadership in promoting national technology policies that facilitate U.S. preeminence in key areas of science and technology and leverage technological innovation to strengthen American global competitiveness. US/OTP's FY 2003 APP identified three key action areas: outreach, analysis/education, and advocacy. These continue to be the broad areas in which US/OTP plans to accomplish its goals, and they have been incorporated into the FY 2004 plan within the following four general goals and objectives:

* Support and improve the American innovation system.
* Advance the role technology plays in U.S. economic growth and homeland security.
* Strengthen the competitive position of American technology industries.
* Strengthen US/OTP's organization, capabilities, and resources to maximize the effectiveness of its activities and services.

NIST focuses on six performance goals; the first three are grouped together since they cover NIST's laboratory activities and are combined for budgetary purposes. The remaining three cover activities in the Advanced Technology Program, the Manufacturing Extension Partnership Program and the Baldrige National Quality Award Program.

* Research and develop the measurements and standards needed to support emerging science and technology-intensive industries.
* Develop and efficiently disseminate the measurements and standards needed to support the nation's strategic interests in homeland security.
* Assure the availability and efficient transfer of measurements and standards capabilities essential to established industries.

* Accelerate private investment in and development of high-risk, broad-impact technologies.

* Raise the productivity and competitiveness of small manufacturers.

* Catalyze and reward quality and performance improvement practices in U.S. businesses and other organizations.

NTIS's focus is on the following performance goal: Enhance public access to worldwide scientific and technical information through improved acquisition and dissemination activities.

A more detailed presentation of all of the TA goals, objectives, and performance measures is found in the Department's FY 2004 Annual Performance Plan and in the budget justifications.

Funding Requirements by Performance Goal
(Obligations in millions)

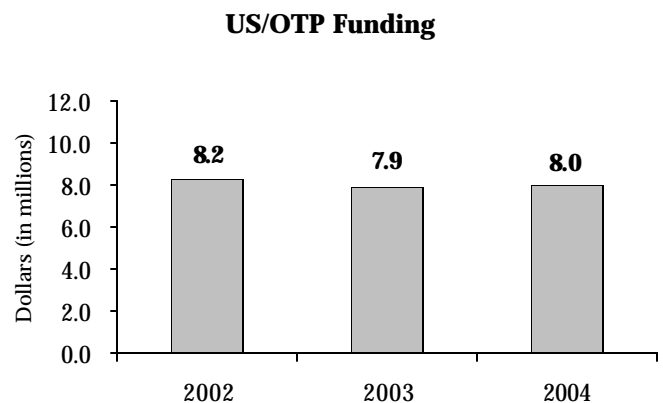|	2002	2003	2004
Provide leadership in promoting national technology policies that facilitate U.S. preeminence in key areas of science and technology and leverage technological innovation to strengthen American global competitiveness. (US/OTP)	$8.1	$8.3	$8.4
NIST Laboratory Performance Goals (three goals combined)	566.0	642.1	622.6
Accelerate private investment in and development of high-risk, broad-impact technologies. (NIST-ATP)	198.1	145.3	31.1
Raise the productivity and competitiveness of small manufacturers. (NIST-MEP)	108.5	18.5	12.9
Catalyze and reward quality and performance improvement practices in U.S. businesses and other organizations. (NIST-BNQP)	5.1	8.0	7.6
Enhance public access to world wide scientific and technical information through improved acquisition and dissemination activities. (NTIS)	27.7	50.9	41.5
Total	913.5	873.1	724.1

Summary of Appropriations
(Dollars in thousands)

Funding Levels	2002	2003 Estimate	2004 Estimate	Increase (Decrease)
Under Secretary / Office of Technology Policy	$8,234	$7,886	$8,015	$129
National Technical Information Service	0	0	0	0
National Institute of Standards and Technology	684,546	563,110	496,818	(66,292)
FTE				
Under Secretary / Office of Technology Policy	46	50	46	(4)
National Technical Information Service	186	260	260	0
National Institute of Standards and Technology	2,999	3,064	3,024	(40)

Office of the Under Secretary / Office of Technology Policy

The Office of the Under Secretary for Technology provides policy guidance to the Secretary of Commerce and the Technology Administration's component agencies (NIST and NTIS) and serves as an advocate for innovation and industrial competitiveness within and outside government. The Under Secretary serves on the Executive Committee of the Committee on Technology within the President's National Science and Technology Council, coordinates the civilian technology efforts of federal agencies, and helps to shape federal civilian R&D priorities based upon the needs of industry. The Under Secretary also provides counsel to the Secretary of Commerce on all matters affecting innovation and coordinates with counterpart offices in the trade and economic agencies to create unified, integrated trade and technology policies. Pursuant to these roles, the Under Secretary oversees and utilizes the analytical, outreach, and policy development expertise of the Office of Technology Policy (OTP).

US/OTP Funding

Year	Dollars (in millions)
2002	8.2
2003	7.9
2004	8.0

The Office of Technology Policy works in partnership with the private sector to develop and advocate national policies and initiatives to build America's economic strength. The OTP administers the National Medal of Technology, the highest honor awarded by the President of the United States for technological innovation. Also within the OTP, the Office of Technology Competitiveness promotes domestic technological competitiveness in four interrelated policy areas: technology development and transfer, business innovation, state and local efforts to promote technology-based economic growth, and work force preparation for a technology-driven future. The Office works closely with industry, conducts issue analyses, disseminates reports and other useful information, and supports the Assistant Secretary in developing and advocating policy tools that can advance U.S. innovation, technological growth, and competitiveness. Within OTP, the Office of International Technology promotes international technology partnerships to strengthen U.S. competitiveness, and advocates policies to advance U.S. technology in the global economy.

Summary of Appropriations
(Dollars in thousands)

Funding Levels

Appropriation	2002	2003 Estimate	2004 Estimate	Increase (Decrease)
Salaries and Expenses	$8,234	$7,886	$8,015	$129
FTE				
Salaries and Expenses	45	49	45	(4)
Reimbursable	1	1	1	0
Total	46	50	46	(4)

Highlights of Budget Changes

Appropriation: <u>Salaries and Expenses</u>

Summary of Requirements

	Detailed		Summary	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2003 Estimate			49	$7,886
Adjustments to Base				
<u>**Other Changes**</u>				
2003 Pay raise		$27		
2004 Pay raise		59		
Payment to the Working Capital Fund		5		
Within grade step increases		6		
Change in compensable day		14		
Civil Service Retirement System(CSRS)		(13)		
Federal Employees' Retirement System(FERS)		18		
Thrift Savings Plan		3		
Federal Insurance Contributions Act (FICA) -OASDI		4		
Health insurance		16		
Travel:				
Per diem		3		
Passenger Civil Aviation Security Service Fee		1		
Rent payments to GSA		22		
Postage		2		
Printing and reproduction		1		
Other services:				
Working Capital Fund		49		
General pricing level adjustment:				
Communications, utilities, & misc.		1		
Other services		31		
Supplies and materials		3		
Equipment		2		
Subtotal, other cost changes			0	254
TOTAL, ADJUSTMENTS TO BASE			0	254
2004 Base			49	8,140
Program Changes			(4)	(125)
2004 APPROPRIATION			45	8,015

Comparison by Activity

DIRECT OBLIGATIONS	2003 Estimate		2004 Base		2004 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Under Secretary / Office of Technology Policy	49	$7,886	49	$8,140	45	$8,015	(4)	($125)
TOTAL DIRECT OBLIGATIONS	49	7,886	49	8,140	45	8,015	(4)	(125)
REIMBURSABLE OBLIGATIONS	1	407	1	407	1	407	0	0
TOTAL OBLIGATIONS	50	8,293	50	8,547	46	8,422	(4)	(125)
FINANCING								
Offsetting collections from:								
Federal funds	(1)	(407)			(1)	(407)		
TOTAL BUDGET AUTHORITY	49	7,886			45	8,015		

Highlights of Program Changes

	Base		Increase / Decrease	
	FTE	Amount	FTE	Amount
Under Secretary for Technology/Office of Technology Policy	49	$8,140	-4	-$125

Workforce restructuring: A decrease (-5 FTE, -$450) is requested to effect the transfer of the Office of Space Commercialization to the International Trade Administration and provide training to US/OTP personnel to develop the skills needed to address technology policy issues. Recognizing that legislative approval is necessary, funding for the Office of Space Commercialization has been taken out of the Technology Administration budget and will be provided through the International Trade Administration.

Supporting capacity building around the world – Digital Freedom Initiative (DFI): An increase (+1 FTE, +$325) is requested for US/OTP to serve a leadership role in a White House initiative that leverages U.S. leadership in the Information and Communication Technology (ICT) arena to advise entrepreneurs in developing nations as they plan to increase their efficiency and participate in the global economy.